

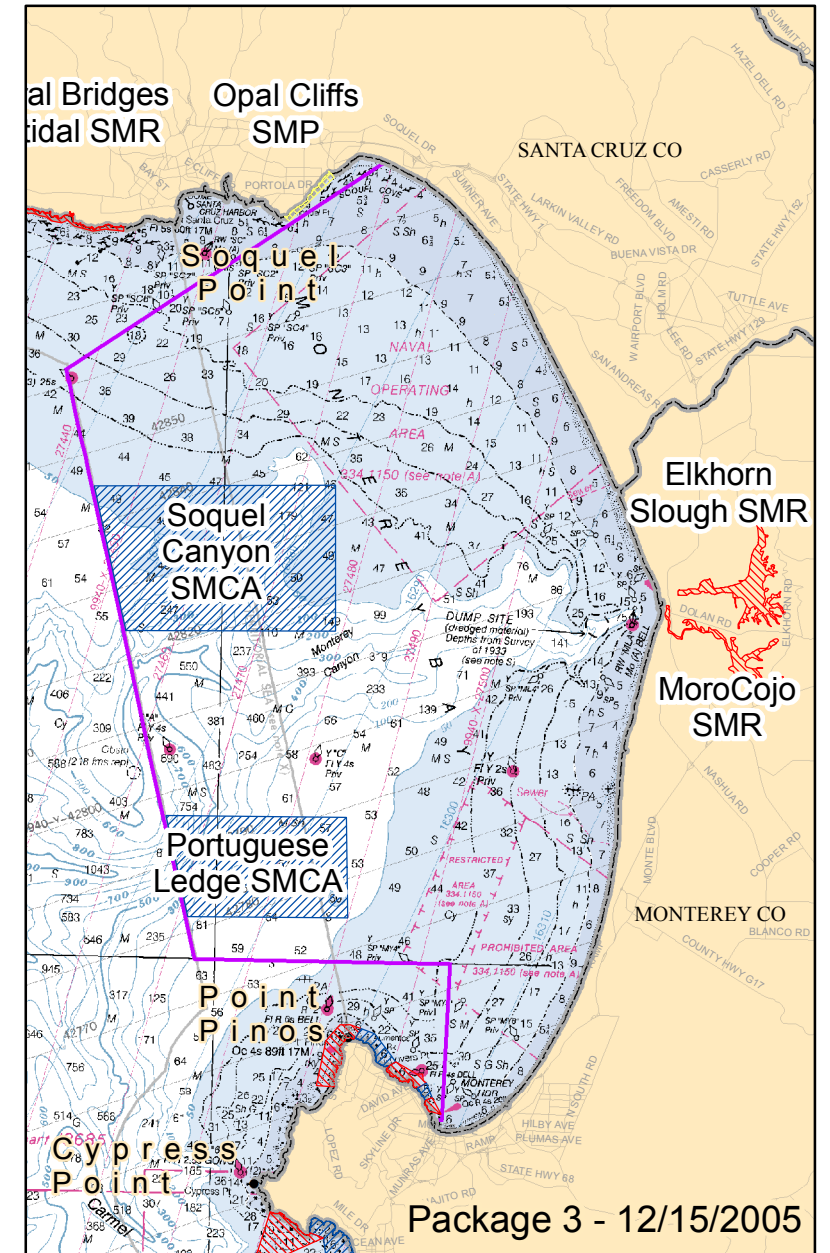
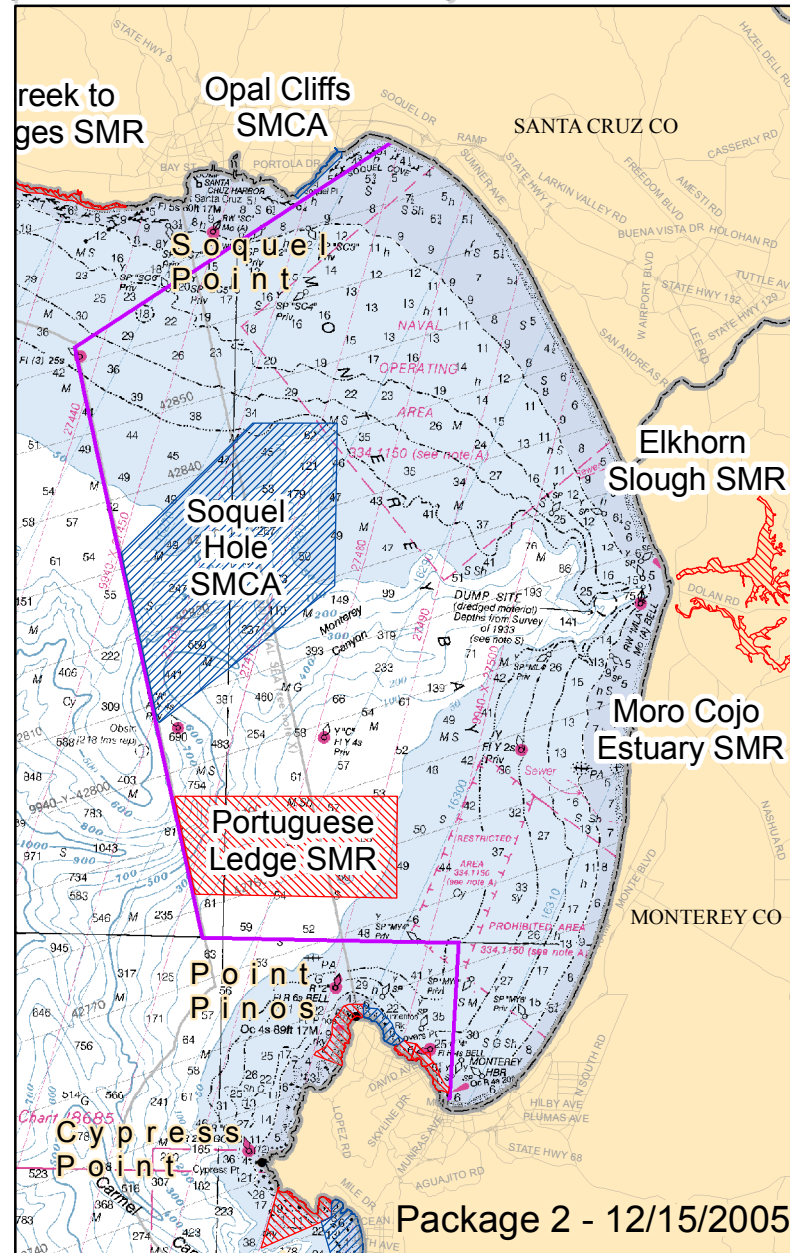
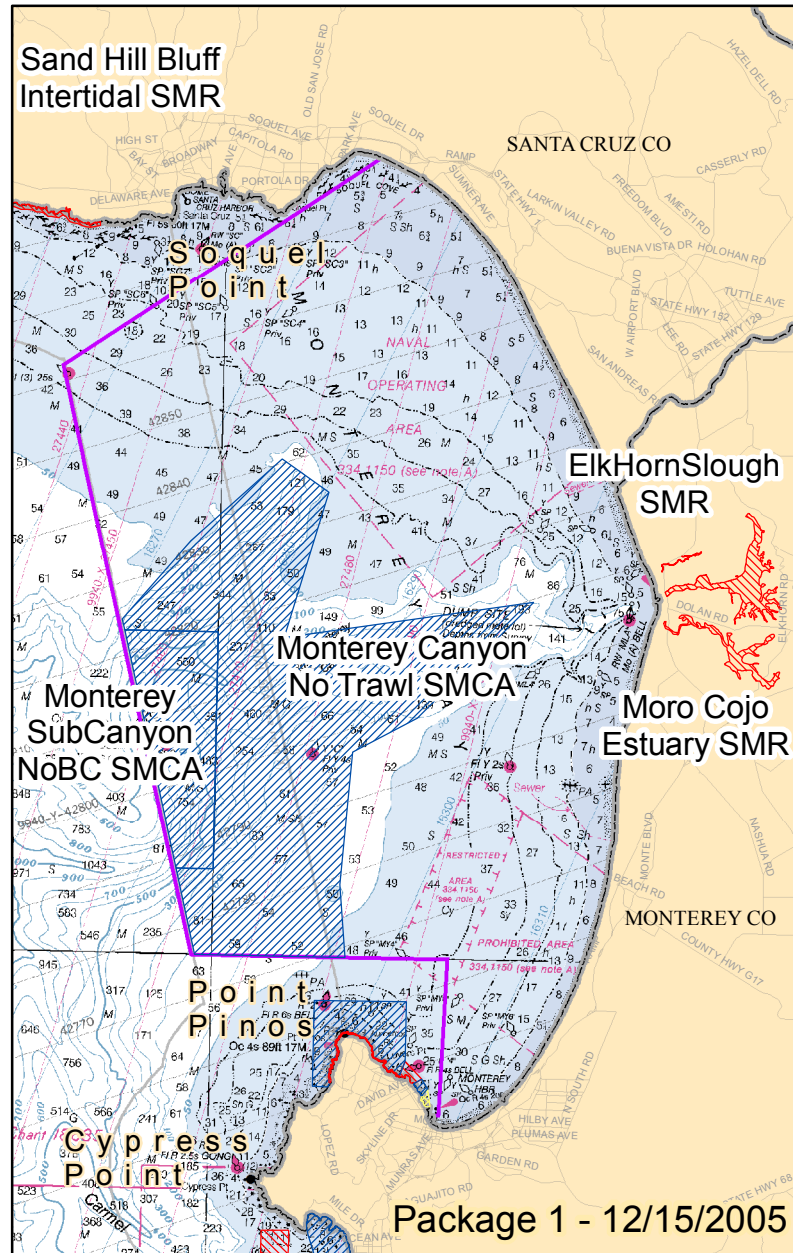
California Marine Life Protection Act Initiative Central Coast Project

Side-by-Side Comparison of Regional MPA Packages 1, 2, 3 and AC

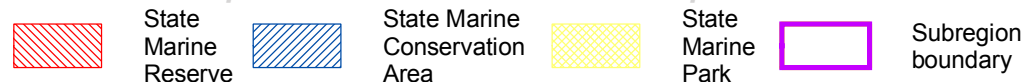
Subregion 2: Capitola to Monterey Breakwater

MLPA Central Coast Study Region: Subregion 2

Capitola to Monterey Breakwater



A Comparison of Proposed MPA Packages 1, 2 and 3



Prepared by DFG
Marine Region GIS
1/18/2006



MLPA Central Coast Study Region: Subregion 2

Capitola to Monterey Breakwater

Package 1,2 & 3 - 12/15/2005

Package AC - 12/15/2005

Subregion 2: Capitola to Monterey Breakwater

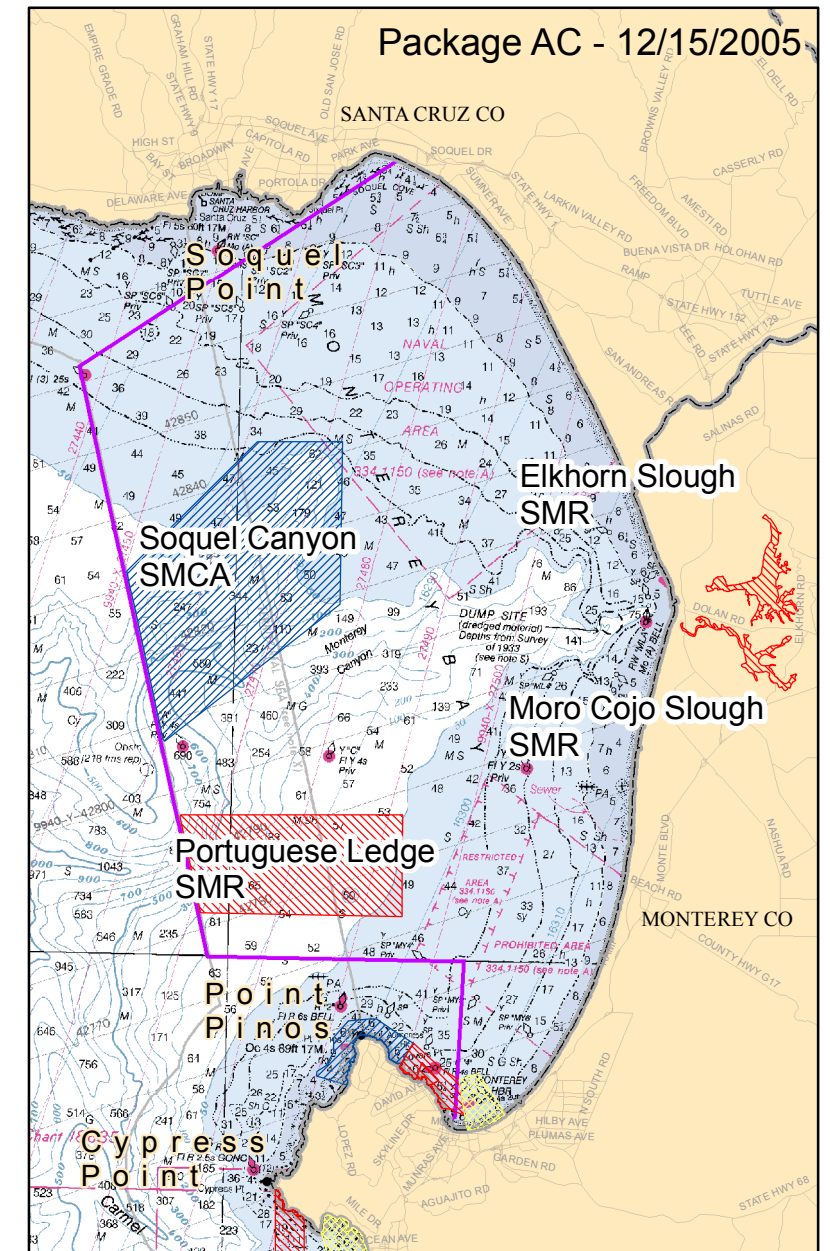
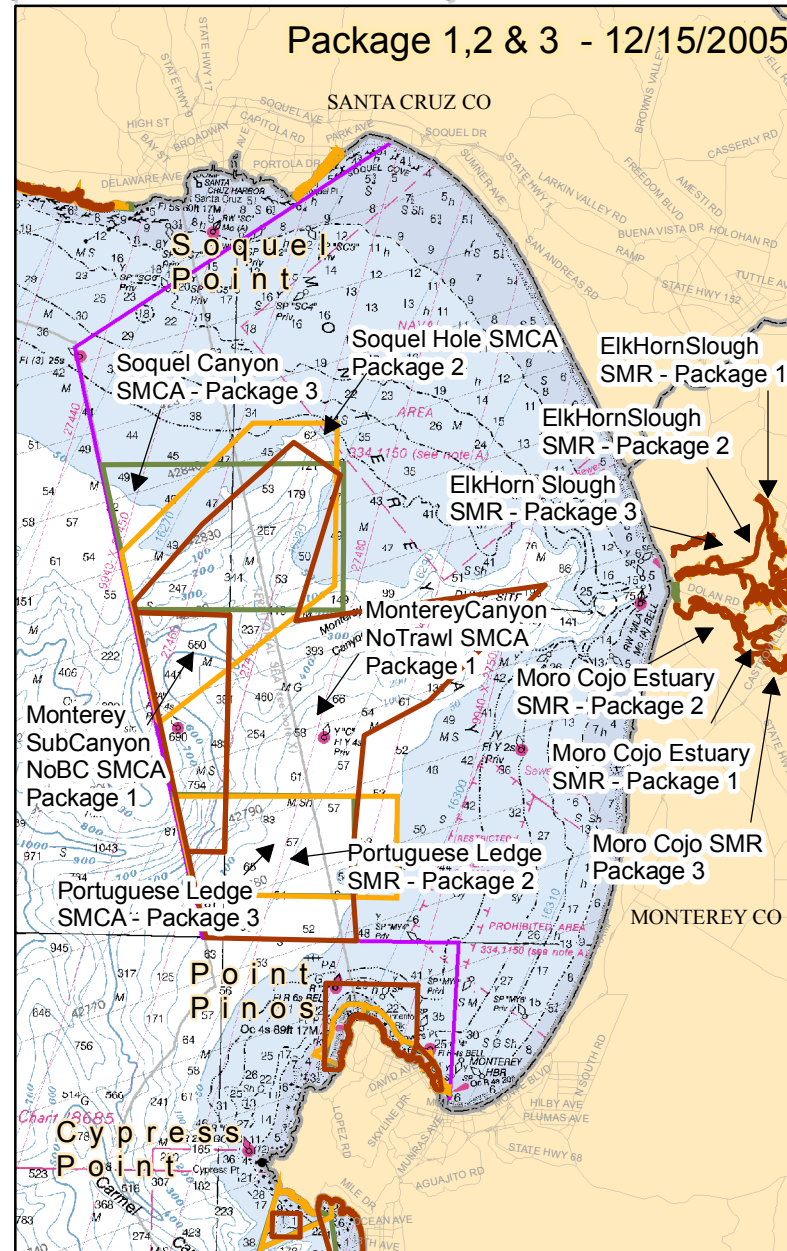
Areas of Convergence and Divergence among Packages 1, 2 and 3

Elkhorn and Moro Cojo Sloughs:

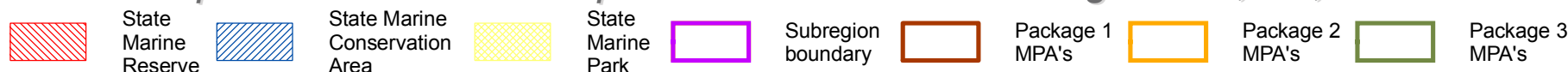
- **Convergence:** SMRs proposed for Elkhorn Slough (expand existing SMR) in all packages
- **Convergence:** SMRs proposed for Moro Cojo Slough in all packages

Monterey Bay and Canyon:

- **Divergence:** Packages differ in the Soquel Hole / Monterey Canyon area. Package 1 provides protection from trawling (which does not currently occur in that area) as a formalization of federally proposed Essential Fish Habitat-No Trawl Zone in state waters. Package 2 and 3 are more protective of Soquel Hole area, with slight differences in boundaries between them, and don't formalize proposed EFH No Trawl Zone boundary in state waters. Tradeoffs between ecological value (deep canyon habitat, deepwater groundfish populations; natural fish/invertebrate refugia in Soquel canyon) and fisheries affected (primarily slope rockfish and sablefish, but also Dungeness crab, rock crab, sardine, and anchovy) among different packages.
- **Divergence:** Packages differ in the Portuguese Ledge / Monterey Canyon area. High level of protection proposed in the area in all packages (SMR or protective SMCA), but significant differences in boundaries. Package 1 proposes protecting the deepest part of Monterey canyon within state waters from bottom contact, while Packages 2 and 3 propose SMR and high protection SMCA, respectively, at Portuguese Ledge. Tradeoffs between ecological value (deep rocky and sandy habitats; historically abundant groundfish populations) and fisheries affected (slope rockfish, Dungeness crab, and salmon) among different packages.



A Comparison of Proposed MPA Packages 1, 2, 3 and AC



Prepared by DFG
Marine Region GIS
1/18/2006



MLPA Central Coast Project: Proposed MPAs and Regulations in Packages 1, 2, 3 and AC

Subregion 2 (Capitola to Monterey Breakwater)

Package 1		Package 2		Package 3		Package AC	
MPA Name (Level of Protection)	Allowed/ Disallowed Uses	MPA Name (Level of Protection)	Allowed/ Disallowed Uses	MPA Name (Level of Protection)	Allowed/ Disallowed Uses	MPA Name (Level of Protection)	Allowed/ Disallowed Uses
Elkhorn Slough State Marine Reserve (SMR)	No take	Elkhorn Slough State Marine Reserve (SMR)	No take.	Elkhorn Slough State Marine Reserve (SMR)	No take.	Elkhorn Slough State Marine Reserve (SMR)	No take.
Moro Cojo Estuary State Marine Reserve (SMR)	No take	Moro Cojo Estuary State Marine Reserve (SMR)	No take.	Moro Cojo State Marine Reserve (SMR)	No take.	Moro Cojo Slough State Marine Reserve (SMR)	No take.
Monterey Canyon No-Trawl State Marine Conservation Area (SMCA Low)	No trawling.	Soquel Hole State Marine Conservation Area (SMCA Moderate)	Take of all living marine resources is prohibited except: Take of salmon and albacore and take of spot prawns by traps.	Soquel Canyon State Marine Conservation Area (SMCA Moderate)	Allows salmon, albacore, coastal pelagics and spot prawn	Soquel Canyon State Marine Conservation Area (SMCA-moderate)	Allowed: recreational and commercial salmon and albacore trolling and commercial spot prawn trapping only
Monterey Submarine Canyon No Bottom Contact State Marine Conservation Area (SMCA High)	No bottom contact or extraction of benthic species. Fishing for only salmon, highly migratory species and coastal pelagic species (including squid) is allowed. Because this water is so deep, this is a high value SMCA, with conservation value very close to an SMR.	Portuguese Ledge State Marine Reserve (SMR)	No take.	Portuguese Ledge State Marine Conservation Area (SMCA High)	Allows salmon, albacore	Portuguese Ledge State Marine Reserve (SMR)	No take.

SC = special closure, SMR = state marine reserve, SMP = state marine park, SMCA = state marine conservation area